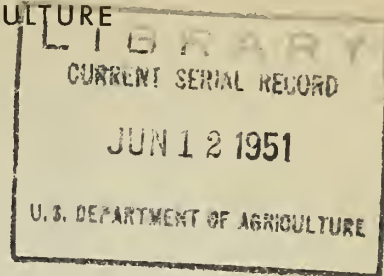


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UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF AGRICULTURAL ECONOMICS
CROP REPORTING BOARD



FARM PRODUCTION, DISPOSITION, AND INCOME FROM MILK, 1949-50



WASHINGTON, D. C.
APRIL 1951

Table 1 - Monthly milk production on farms, United States 1929-51 1/

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Yearly total
<u>Million pounds</u>													
1929	7,187	6,860	8,067	8,543	10,047	10,562	10,027	8,800	7,642	7,335	6,811	7,107	98,988
1930	7,371	7,051	8,253	8,723	10,386	10,766	9,725	8,413	7,522	7,466	7,091	7,391	100,158
1931	7,798	7,417	8,519	9,048	10,580	10,683	9,663	8,643	7,798	7,737	7,427	7,716	103,029
1932	7,951	7,784	8,625	8,854	10,504	10,701	9,777	8,739	7,974	7,810	7,369	7,722	103,810
1933	7,983	7,532	8,580	8,989	10,665	10,675	9,973	9,167	8,192	7,941	7,417	7,648	104,762
1934	7,652	7,144	8,272	8,760	10,182	10,477	9,796	9,004	8,160	7,835	7,185	7,154	101,621
1935	7,084	6,690	7,823	8,440	10,222	10,991	10,384	9,402	8,258	7,702	7,003	7,206	101,205
1936	7,292	7,159	8,244	8,807	10,507	10,948	9,893	8,695	8,049	8,090	7,322	7,404	102,410
1937	7,388	6,899	8,041	8,560	10,466	10,955	10,323	9,132	8,071	7,735	6,981	7,297	101,908
1938	7,438	7,089	8,443	9,120	10,881	11,226	10,581	9,545	8,445	8,073	7,396	7,570	105,807
1939	7,807	7,411	8,725	9,195	10,903	11,277	10,498	9,515	8,394	7,945	7,433	7,689	106,792
1940	7,841	7,688	8,881	9,308	10,918	11,641	10,710	9,681	8,761	8,389	7,731	7,953	109,502
1941	8,349	7,933	9,223	9,893	11,684	12,028	11,227	10,272	9,225	8,813	8,174	8,447	115,268
1942	8,719	8,268	9,608	10,250	12,075	12,505	11,731	10,722	9,458	8,896	8,182	8,470	118,884
1943	8,766	8,373	9,712	10,208	11,855	12,529	11,725	10,530	9,230	8,673	7,960	8,224	117,785
1944	8,590	8,575	9,690	10,135	11,847	12,373	11,520	10,251	9,236	8,961	8,285	8,529	117,992
1945	8,801	8,429	9,925	10,625	12,358	12,908	12,214	11,014	9,615	9,050	8,240	8,325	121,504
1946	8,564	8,212	9,713	10,440	12,206	12,548	11,927	10,838	9,435	8,985	8,293	8,522	119,713
1947	8,889	8,456	9,809	10,385	12,134	12,816	12,082	10,569	9,224	8,780	7,906	8,015	119,065
1948	8,290	8,126	9,190	9,884	11,697	12,171	11,514	10,511	9,124	8,748	8,031	8,241	115,527
1949	8,675	8,399	9,625	10,328	12,076	12,372	11,564	10,661	9,431	9,056	8,447	8,611	119,245
1950	9,067	8,721	9,991	10,506	11,840	12,538	11,870	10,620	9,396	9,081	8,402	8,523	120,555
1951	8,960	8,527	9,690										

1/ Estimate based on national indications of milk production and utilization. Subject to revision when data for all individual States become available.

Table 2 - Total supply and utilization of milk in the United States, 1940-50

	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950 2/
<u>Million pounds</u>											
Milk production											
By cows on farms	109,502	115,268	118,884	117,785	117,992	121,504	119,713	119,065	115,527	119,245	120,555
Total 1/	112,328	118,094	121,710	120,611	120,818	124,330	122,539	121,891	118,353	122,071	123,381
Utilization (milk equivalent)											
Manufactured in plants											
Creamery butter											
Total	37,349	38,077	35,938	34,460	30,620	28,065	24,145	27,430	24,980	29,149	28,800
From whey cream	548	665	775	698	713	780	772	830	771	843	820
Net	36,801	37,412	35,163	33,762	29,907	27,285	23,373	26,600	24,209	28,306	27,980
Cheese											
American	6,115	7,612	9,247	7,743	8,090	8,777	8,058	9,393	8,597	9,383	8,870
Other	1,747	1,945	1,874	2,179	2,045	2,346	2,894	2,381	2,332	2,575	2,810
Canned milk											
Evaporated	5,266	7,023	7,592	6,594	7,384	8,147	6,567	6,899	7,271	5,898	6,190
Sweetened condensed	137	268	147	278	330	339	269	389	295	234	150
Bulk condensed milk											
Unsweetened	312	278	307	249	289	310	237	423	483	490	500
Sweetened	165	172	163	145	138	167	151	179	98	104	100
Dry whole milk											
Frozen dairy products	223	347	474	1,052	1,355	1,650	1,421	1,250	1,293	956	990
Ice cream, total											
Other 2/, total	4,712	5,754	6,795	5,177	5,354	5,788	9,595	8,732	7,939	7,737	7,490
Fat from other products 3/ ..	982	1,214	1,457	826	859	926	1,507	1,346	1,474	1,447	1,400
Net from milk and cream ..	3,730	4,540	5,338	4,550	4,697	5,130	8,196	7,491	6,592	6,448	6,270
Other manufactured products 4/											
Total factory products 5/ ...	54,550	59,660	60,399	56,748	54,749	54,871	51,718	55,520	51,730	54,955	54,430
Used for farm butter											
Consumed as milk or cream	8,129	7,967	7,365	6,851	6,608	6,755	6,630	6,268	5,928	5,584	5,365
In cities and villages											
On farms where produced	33,519	34,863	37,650	41,000	43,000	46,000	47,000	45,000	44,500	45,000	46,000
Fed to calves	12,063	12,020	11,856	11,615	11,685	11,671	12,318	12,295	12,314	12,385	12,450
To balance 6/											
	2,994	3,124	3,294	3,276	3,270	3,335	3,255	3,228	3,109	3,211	3,382
	1,073	460	1,146	1,121	1,506	1,698	1,618	-420	772	936	1,754

1/ Includes an allowance of 2,826 million pounds for milk produced by cows not on farms, the same as in 1930 when information on this item was last obtained. 2/ Milk sherbet and ice milk. Not available prior to 1943.

3/ Milk equivalent of butter and condensed milk used in ice cream. 4/ Includes dry cream, malted milk, dry part skim milk, dry ice cream mix end, for 1946 and later years, whole milk equivalent of the fat in cottage cheese.

5/ Includes net milk equivalents on butter and frozen dairy products to avoid double counting of milk from which fat was reused in making a second dairy product. 6/ Residual, including miscellaneous minor uses; net imports, exports and year-end carry-over of milk and cream; as well as any inaccuracies of independently determined use estimates.

7/ Preliminary.

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF AGRICULTURAL ECONOMICS
WASHINGTON, D. C.

FARM PRODUCTION, DISPOSITION, AND INCOME FROM
MILK, 1949-50 1/

SUMMARY

Milk production on farms in 1950 totaled 120.6 billion pounds, the second highest annual output in the Nation's history. Milk production per cow was at an all-time high, but milk cow numbers were only about the same as 20 years ago, and 12 percent below the 1944 peak year. The fat test of milk produced averaged 3.96 percent. Production of home-made butter on farms continued to decline, and the 271 million pounds churned in 1950 was the smallest quantity in more than a century. Some 100.1 billion pounds, or 83 percent of the milk produced, was sold or utilized in products sold from farms. A record high 74.3 billion pounds of whole milk was sold by farmers to plants and dealers, a somewhat increased but still relatively low 20.7 billion pounds was skimmed on farms for sale as cream, 4.4 billion pounds was retailed as milk and cream by producers, and 0.8 billion pounds was used for farm butter sold. Prices received by farmers for whole milk sold to plants and for farm butter were lower in 1950 than in 1949, while those for cream and retail milk were about unchanged. The average return for milk utilized in all dairy products sold was \$3.76 per 100 pounds, compared with \$3.82 the previous year. Cash returns to farmers from marketings of milk, cream, and farm-churned butter totaled 3,763 million dollars in 1950, a trifle below 1949 receipts, and 15 percent below the 1948 record, but still the fourth highest annual cash income from marketings of milk products on record. The value of milk, cream, and home-made butter consumed by families on farms producing milk totaled 716 million dollars in 1950. Gross farm income from dairy products, including cash receipts from sales and the value of home consumed products, totaled 4,479 million dollars.

Milk Production a Billion Pounds Below 1945 Record

Milk production on farms in the United States in 1950 totaled 120.6 billion pounds, about 1 percent more than in 1949, but still a billion pounds short of the 1945 record. The number of milk cows on farms during 1950 was 22,779,000 head, a slight increase from 1949, but otherwise the smallest farm milking herd since 1930. Milk cow numbers were down about 12 percent from the record yearly number set in 1944. Milk production per cow in 1950 set a new high of 5,292 pounds. Continued close culling, improved breeding, and liberal feeding all helped to bring production per cow to a level about one-fourth higher than 25 years ago. The percentage of butterfat in milk averaged 3.96 percent in 1950. For the country as a whole, butterfat production per cow averaged 210 pounds, the highest annual average to date. Last year was the third straight year in which butterfat yield per cow has exceeded 200 pounds. The total quantity of butterfat in all milk produced in the United States in 1950 was 4.8 billion pounds.

Butter churned on farms in 1950 totaled 271 million pounds, or about one-sixth of the combined output of creamery and farm butter. Production of farm butter continued to decline, with 1950 churnings about 4 percent less than in 1949. Over the last 50 years, butter production has shifted steadily from farms to factories. The 1950 farm production of butter was only about a fourth as much as that produced

1/ Prepared by John L. Wilson and Herbert M. Walters, Agricultural Statisticians, under the general direction of B. H. Bennett, Head, Division of Dairy Statistics.

annually around the turn of the century. However, farm butter production is still an important item of milk utilization for small herds in the South. In the 14 Southern States east of the Great Plains, the quantity of butter churned on farms was about three times as great as that churned in dairy manufacturing plants. For the country as a whole, some 5.4 billion pounds of milk was required to produce the butter churned on farms in 1950. This was about $4\frac{1}{2}$ percent of the total milk produced on farms.

In 1950, for the first time since 1945, more than 100 billion pounds of milk was sold or used to prepare other dairy products sold from farms. As compared with 1949, the milk utilized in products sold was up 1.2 billion pounds. A record high 74.3 billion pounds of whole milk was sold to plants and dealers in 1950, about 1 percent more than the previous record established in 1949. This milk was used by dealers for processing and resale as fluid milk or cream and for manufacture of dairy products made from whole milk, such as cheese, evaporated milk, etc. The volume of whole milk delivered by farmers to plants and dealers has increased 27 billion pounds or 57 percent in the last 10 years. In 1950, farmers skimmed 20.7 billion pounds of milk for sale as cream to dairy plants. Most of this cream was used in the manufacture of creamery butter. The amount of milk skimmed for sale as cream in 1950 was higher than in either of the two preceding years, but was about one-third lower than a decade ago. Retail sales by farmers of milk and cream direct to consumers accounted for 4.4 billion pounds of milk in 1950. Retail sales continued to decline, with the 1950 volume down 4 percent from the previous year and about one-fourth less than in 1940. Milk utilized in churning farm butter sold off farms amounted to about three-fourth of a billion pounds. Farm butter is no longer an important item of sale by farmers, except in some noncommercial areas, and the 1950 volume of milk used for this purpose was only about half that of 10 years ago.

In 1950, some 20.4 billion pounds of milk, or 17 percent of the Nation's total production, was utilized on farms where produced. Of this, some 12.4 billion pounds was consumed as fluid milk and cream by farm families, and another 4.6 billion pounds was consumed in the form of home-made butter. Whole milk fed to calves amounted to 3.4 billion pounds. The total amount of milk used on farms where produced in 1950 was little different from that in other recent years, but was about 6 percent less than a decade ago, largely as the result of smaller consumption of farm-churned butter. Data on the production and disposition of milk by States in 1950 is shown in Table 7.

Cash Receipts From Dairy Products a Little Below 1949

Farmers cash receipts from marketings of dairy products in 1950 totaled 3,763 million dollars. This was slightly below the cash returns from dairy products sold in 1949, and 15 percent below the record 1948 returns of 4,441 million dollars. However, the return from sales of dairy products in 1950 was more than double that received by farmers 10 years earlier. These cash receipts from marketings of dairy products include the money obtained from sales of whole milk and cream delivered to dairy plants, farm-churned butter sold, and retail deliveries of milk and cream by farmers direct to consumers. The figures represent cash obtained from sales, and should not be used as an index of profitability of dairying, since production expenses of milk producers in recent years have been on a very high level.

More than three-fourths of the total cash farm receipts from dairy product sales came from the whole milk sold to plants and dealers. Farmers delivered

74.3 billion pounds of milk to dairy plants for which they received an average price of \$3.88 per hundred pounds to give a cash return of 2,882 million dollars. As compared with 1949, the larger volume of sales almost offset the lower price received so that the total income from milk sold to plants was only a little lower. Farmers' returns from sale of whole milk in 1950 were about three times the value of sales of this product in 1940. Farm-skimmed cream sold by producers in 1950 totaled 779 million pounds of butterfat. At an average price of 61.6 cents per pound of butterfat, the cream sales were valued at 480 million dollars. Cash returns from cream sales in 1950 were somewhat higher than in 1949, but otherwise the lowest for any year since 1945. The price received by farmers for butterfat in cream in 1950 was about the same as in 1949, but 18 cents per pound or 23 percent below the record 1948 price. Some small shift from sale of milk to sale of cream was noted among farmers in several Midwestern States in 1950. Retail sales of milk and cream by farmers directly to consumers in 1950 amounted to 2,056 million quarts, which at 18.5 cents per quart returned farmers 381 million dollars. As compared with 1949, the smaller volume of retail sales at about the same price resulted in a 4 percent decrease in cash returns to farmers from this type of product. Sales of farm-churned butter continued on the down-grade, in line with the experience of recent years. In 1950, only 38 million pounds of home-made butter was sold by farmers. At an average price of 56.9 cents per pound, the butter sold brought farmers a cash return of 22 million dollars. This was only about one-third as much as farmers received from sales of farm-churned butter a quarter century ago. A historical series of the annual volume and value of milk used for various purposes in the period 1924-1950 in the United States is contained in Table 4.

Wisconsin Leads in Farm Income from Dairy Products

Wisconsin dairymen sold dairy products worth 460 million dollars in 1950 to again lead all States in cash returns from milk and milk products. Over 12 percent of the National income from sale of dairy products in 1950 accrued to Wisconsin farmers. New York was the second leading State, with a cash farm income from dairy marketings of 346 million dollars. Pennsylvania was third with value of sales totaling 248 million dollars, followed by California with 238 million dollars, and Minnesota with 207 million dollars.

In receipts from sales of whole milk to plants and dealers, Wisconsin farmers topped those in all other States with 442 million dollars, New York farmers were next with 324 million, and those in both California and Pennsylvania received over 200 million dollars in 1950 from this product. In value of marketings of farm separated cream, Iowa and Minnesota accounted for almost 39 percent of the National total. Iowa's 1950 farm sales of cream were valued at over 100 million dollars followed by Minnesota with an 86 million dollar farm return. North Dakota ranked third, closely followed by Kansas and Nebraska with receipts from sales of cream of over 29 million dollars in all three States. Cash returns from retail sales of milk and cream by farmers were highest in Pennsylvania, totaling 35 million dollars, followed by California with 28 million dollars, and Texas with 25 million dollars. Texas led all States in returns from sales of farm-churned butter with 1950 cash receipts valued at 3 million dollars, followed by North Carolina, Georgia, and Pennsylvania, respectively.

Value of Farm Household Consumption High in South

The value of milk, cream and farm butter consumed in households on farms where produced over the Nation aggregated 716 million dollars in 1950. This is down nearly 2 percent from the 1949 value. The volume consumed in farm households declined, particularly in the South Central area, and the average unit value of dairy products was somewhat lower. The value of the products consumed on farms where produced is computed by multiplying the milk equivalent represented in the products consumed in each State by the average returns per hundred pounds of milk in dairy products sold in that State. Farmers in the Southern States continue to lead in value of dairy products consumed on farms where produced. The 5 States of Texas, Alabama, Georgia, North Carolina and Tennessee alone accounted for one-third of the National total. Texas led all the States with the 1950 value of farm household consumption over 74 million dollars. North Carolina was the second ranking State with 46 million dollars' worth of milk, cream and farm butter utilized at home, followed by Alabama with 44 million dollars' and Georgia with 40 million dollars' worth.

The gross farm income from milk, including the cash receipts from marketings of milk, cream and butter from the farm together with the value of dairy products consumed on farms where produced, aggregated 4,479 million dollars in 1950. The National gross farm income from dairy products in 1950 showed a drop of one-half of one percent from the 1949 total, but was over 800 million dollars below the 1948 record high value. By States, Wisconsin gross farm income from dairy products in 1950 totaled 475 million dollars to lead all States, topping New York's gross dairy income of 364 million dollars by some 30 percent. Pennsylvania ranked third in the Nation with 268 million dollars, followed by California with 247 million dollars and Minnesota with 221 million dollars. Data on 1950 value of farm household consumption by States is shown in Table 8.

Unit Returns for Milk Varies with Type of Product Marketed

Milk utilized in all types of milk products marketed from the farm in 1950, including whole milk and cream sold to plants and dealers and retail deliveries of milk and cream, and farm-churned butter sold, brought farmers an average return of \$3.76 per hundred pounds of whole milk. This compares with \$3.82 in 1949 and \$4.67 per hundred pounds in 1948. On a pound butterfat basis, the unit return to farmers for dairy products sold from the farm in 1950 was 94.9 cents per pound, down from the 96.5 cents in 1949 and the 117.3 cent average in 1948. Farmers retailing whole milk and cream from the farm showed the highest cash return for milk in 1950, receiving \$8.62 per hundred pounds of whole milk. The second highest unit return was for whole milk sold to plants and dealers, which brought in \$3.88 per hundred pounds of milk in 1950. This compares with a return of \$2.86 per hundred pounds of whole milk churned into farm butter for sale and \$2.32 per hundredweight whole milk separated on the farm and sold as cream to plants and dealers. Considerably different costs are involved in the several types of milk products marketed by farmers, especially for retail milk and cream where bottling and delivery expenses are involved. The average returns for milk utilized in butter and cream also include no allowances for the value of skim milk and buttermilk retained on farms for food or feeding purposes.

Among different States, the average returns per hundred pounds for milk in dairy products sold in 1950 showed the usual wide variation. North Dakota farmers received the lowest average return of \$2.47 per hundred pounds, and Florida led

all States with \$7.10 per hundred pounds. The level of average unit returns is determined both by the type of milk product marketed and by the relative level of prices for dairy products in the particular area. Average returns are usually lowest in the western Corn Belt and Great Plain States where feed costs are relatively low and where sour cream is the major type of milk product sold by farmers. Average returns are highest along the East Coast and in the South, where milk production costs are high and where much of the whole milk sold is utilized for fluid distribution as milk and cream. For information on average returns by States in 1950, see Table 8.

SUPPLY AND UTILIZATION OF MILK

Nationally, total milk production, including both farm and nonfarm, was over 123 billion pounds in 1950. Factory usage continued to account for the largest share of the milk supply, with 44 percent of the 1950 U. S. milk supply going into production of manufactured dairy products. Fluid milk and cream consumption in towns and cities represented 37 percent of the total output and another 10 percent was consumed in fluid form on farms where produced. The remaining 9 percent went for other purposes such as farm-churned butter, feeding calves and miscellaneous minor uses.

The volume of milk used in the production of major dairy products in 1950 was down slightly from a year earlier. The 54.4 billion pounds of milk processed into manufactured dairy products during 1950 was one-half billion pounds less than in 1949. Creamery butter production utilized the fat from some 28.0 billion pounds of milk in 1950, down about 0.3 billion pounds from 1949 and some 7 to 8 billion pounds below the volume used in creamery butter production in the high period of 1938 through 1942. The volume of whole milk used in cheese plants over the Nation in 1950 approximated 11.7 billion pounds, compared with the 1949 record high usage of almost 12 billion pounds. Evaporated and condensed milk products used up 6.9 billion pounds of milk — 0.2 billion pounds above the 1949 total, but still the second smallest quantity utilized in condensed and evaporated products since 1940. Milk used in producing dried whole milk aggregated almost 1 billion pounds — 3.6 percent above the 1949 volume. Ice cream and other frozen dairy products in 1950 accounted for 6.3 billion pounds of whole milk in the form of milk or cream in addition to 1.4 billion pounds of milk equivalent in previously processed dairy products, chiefly condensed milk and butter. The net milk equivalent of frozen dairy products in 1950 at 6.3 billion pounds was down 0.2 billion pounds from 1949 and was only three-fourths as great as the 1946 peak usage of 8.2 billion pounds.

Whole milk and cream consumed in cities and villages over the Nation during 1950 utilized 46 billion pounds of whole milk. This is a 1 billion-pound increase over the 1949 total, but an equal quantity below the all-time high in annual fluid milk and cream consumption set in 1946. Fluid milk and cream consumption on farms was also up, but only about one-half of one percent. Consumption of fluid milk and cream on farms where produced in 1950 is estimated at 12.4 billion pounds, the fourth highest annual total on record and only 0.3 billion pounds below the 1933 all-time high in farm consumption. An estimated 5.4 billion pounds of milk went into butter churned on the farm in 1950, a drop of 4 percent from the 1949 total. About 3.4 billion pounds of whole milk were fed to calves on the farm, about 5 percent more than in 1949. Data on the quantities of milk used for various purposes in the United States are shown by years from 1940 through 1950 in Table 2.

Table 3 - Production and Disposition of milk on farms, United States, 1924-50

Production of milk and milk products										Disposition of milk produced									
Year	Number of milk cows on farms 1/	Production per milk cow 2/		Percent- age of butter- fat in milk	Total production on farms 2/		Butter churned on farms		Milk fed or consumed on farms where produced				Milk sold or utilized for preparation of dairy products sold from farms				Total utilized for products sold 3/		
		Milk	Butter- fat		Milk	Butter- fat	Milk used	Butter made	Fed to calves	As milk or cream	Consumed in the farm household As milk	As farm butter	Total used on farms	For farm- churned butter sold	As cream	As milk		For retail sales of milk and cream by farmers	
	Thous.	Pounds	Pounds	Percent	Mill. lb.	Mill. lb.	Thous. lb.	Mill. lb.	Mill. lb.	Mill. lb.	Mill. lb.	Mill. lb.	Mill. lb.	Mill. lb.	Mill. lb.	Mill. lb.	Mill. lb.		
1924	21,417	4,167	163.2	3.92	89,240	3,425	13,245	2,742	11,841	9,562	24,145	3,683	29,366	25,907	6,139	65,095			
1925	21,503	4,218	165.1	3.92	90,699	3,551	12,736	2,784	11,662	9,278	23,724	3,458	30,417	26,830	6,270	66,975			
1926	21,312	4,379	171.7	3.92	93,325	3,659	12,734	2,858	11,506	9,370	23,734	3,364	32,123	27,707	6,397	69,591			
1927	21,191	4,491	176.2	3.92	95,172	3,734	12,436	2,901	11,315	9,214	23,430	3,222	33,356	28,600	6,564	71,742			
1928	21,223	4,516	177.3	3.93	95,843	3,762	11,793	2,944	11,207	8,799	22,950	2,994	32,814	30,367	6,718	72,893			
1929	21,618	4,579	179.7	3.92	98,988	3,884	11,046	3,012	10,932	8,273	22,217	2,773	33,808	33,347	6,843	76,771			
1930	22,218	4,508	176.8	3.92	100,158	3,929	10,647	2,986	11,207	8,150	22,343	2,497	33,974	34,497	6,847	77,815			
1931	23,108	4,459	175.0	3.93	103,029	4,045	11,061	2,997	11,913	8,554	23,464	2,507	35,468	34,614	6,976	79,565			
1932	24,105	4,307	169.2	3.93	103,810	4,079	11,820	2,859	12,507	9,180	24,546	2,640	36,095	33,501	7,028	79,264			
1933	25,062	4,180	164.2	3.93	104,762	4,114	11,798	2,878	12,784	9,293	24,955	2,505	36,524	33,705	7,073	79,807			
1934	25,198	4,033	158.7	3.94	101,621	3,999	11,343	2,688	12,773	9,120	24,581	2,223	33,867	33,869	7,081	77,040			
1935	24,187	4,184	165.4	3.95	101,205	4,000	10,931	2,676	12,410	8,807	23,893	2,124	32,564	35,647	6,977	77,312			
1936	23,727	4,316	170.3	3.95	102,410	4,041	10,163	2,755	12,077	8,256	23,088	1,907	31,904	38,777	6,734	79,322			
1937	23,340	4,366	172.5	3.95	101,908	4,025	9,548	2,724	11,955	7,795	22,474	1,753	30,644	40,470	6,567	79,434			
1938	23,215	4,558	180.1	3.95	105,807	4,180	9,173	2,850	11,950	7,494	22,294	1,679	32,728	42,657	6,449	83,513			
1939	23,273	4,569	181.5	3.95	106,792	4,223	8,653	2,967	12,167	7,102	22,236	1,551	32,987	43,801	6,217	84,556			
1940	23,677	4,625	183.6	3.97	109,502	4,348	8,129	2,994	12,063	6,688	21,745	1,441	33,044	47,170	6,102	87,757			
1941	24,312	4,741	188.4	3.97	115,268	4,580	7,967	3,124	12,020	6,587	21,731	1,380	34,091	52,121	5,945	93,537			
1942	25,061	4,740	188.2	3.97	118,784	4,722	7,365	3,294	11,856	6,127	21,277	1,238	31,322	59,185	5,862	97,607			
1943	25,574	4,606	183.1	3.98	117,785	4,682	6,851	3,276	11,315	5,770	20,661	1,081	30,188	60,116	5,739	97,124			
1944	25,775	4,578	182.2	3.98	117,992	4,696	6,608	3,270	11,685	5,571	20,526	1,037	26,422	64,338	5,669	97,466			
1945	25,329	4,797	190.9	3.98	121,504	4,836	6,755	3,335	11,671	5,680	20,686	1,075	24,288	69,836	5,619	100,818			
1946	24,475	4,891	194.5	3.98	119,713	4,760	6,630	3,255	12,318	5,540	21,113	1,090	21,380	70,591	5,539	98,600			
1947	23,825	4,997	198.8	3.98	119,065	4,736	6,268	3,228	12,295	5,302	20,825	966	20,969	71,127	5,178	98,240			
1948	22,933	5,038	200.6	3.98	115,527	4,601	5,928	3,109	12,314	5,036	20,459	892	19,664	69,607	4,905	95,068			
1949 4/	22,745	5,243	207.7	3.96	119,245	4,725	5,584	3,211	12,385	4,758	20,354	826	20,079	73,384	4,602	98,891			
1950 5/	22,779	5,292	209.8	3.96	120,555	4,780	5,365	3,382	12,450	4,608	20,440	757	20,686	74,257	4,445	100,115			

1/ Average number on farms during year, heifers that have not freshened excluded.

2/ Excludes milk sucked by calves and milk produced by cows not on farms.

3/ Approximations based chiefly on population in small towns and rural areas where most families purchase their milk from local farmers.

4/ Revised.

5/ Preliminary.

Table 4 - Farm dairy products: Quantities sold, price and value; value of products consumed in the farm household; and gross farm income from dairy products, United States, 1924-50

Year	Farm butter sold			Cream sold to plants and dealers (as butterfat)			Milk sold to plants and dealers at wholesale			Milk and cream retailed by farmers			Combined sales of butter, cream and milk			Value of milk products summed in household on farms where produced ^{2/}	Gross farm income from dairy products ^{3/}
	Quantity sold	Price per lb.	Value of sales	Quantity sold	Price per lb. of butterfat	Value of sales	Quantity sold	Price per 100 lb. of sales	Value of sales	Quantity sold, milk equiv.	Price per quart	Value of sales	Milk utilized	Average returns per 100 lb. milk	Per lb. butterfat		
	1000 lb.	¢	1000 dol.	1000 lb.	¢	1000 dol.	mil. lb.	dol.	1000 dol.	mil. at.	¢	1000 dol.	mil. lb.	dol.	¢	1000 dol.	1000 dol.
1924	176,160	39.5	69,607	1,102,700	40.4	445,124	25,907	2.22	573,997	2,858	11.1	316,934	65,095	2.16	55.1	1,405,662	502,766
1925	165,630	40.5	67,116	1,141,700	42.4	483,821	26,830	2.38	638,137	2,914	11.2	325,651	66,975	2.26	57.7	1,514,725	506,402
1926	161,960	40.9	66,190	1,207,400	41.6	502,578	27,707	2.38	660,730	2,975	11.3	336,600	69,591	2.25	57.4	1,566,098	497,934
1927	155,410	41.5	64,529	1,255,010	44.5	559,005	28,600	2.51	717,841	3,053	11.3	343,781	71,742	2.35	59.9	1,685,156	500,138
1928	144,995	42.6	61,752	1,233,730	46.1	569,341	30,367	2.52	766,410	3,123	11.5	358,224	72,893	2.41	61.3	1,755,727	505,991
1929	135,045	42.2	56,992	1,271,120	45.2	574,259	33,347	2.53	842,182	3,188	11.5	365,056	76,771	2.39	61.0	1,838,489	485,312
1930	121,572	36.3	44,119	1,275,870	34.5	440,152	34,497	2.21	764,095	3,189	11.3	359,075	77,815	2.07	52.8	1,607,441	435,403
1931	122,352	27.2	33,321	1,332,560	24.8	329,863	34,614	1.69	584,488	3,244	10.1	329,063	79,565	1.60	40.7	1,276,735	366,216
1932	128,672	20.8	26,721	1,356,200	17.9	242,708	33,501	1.28	427,334	3,269	8.9	289,607	79,264	1.24	31.6	986,370	300,060
1933	122,015	20.1	24,533	1,371,050	18.8	257,549	33,705	1.30	439,179	3,288	8.6	282,945	79,807	1.26	32.1	1,004,206	305,292
1934	108,542	22.7	24,636	1,272,220	22.7	288,951	33,869	1.55	523,497	3,293	9.4	308,433	77,040	1.49	37.8	1,145,517	352,924
1935	103,970	26.7	27,766	1,223,560	28.1	343,457	35,647	1.74	620,951	3,243	9.8	318,030	77,312	1.69	42.8	1,310,204	386,026
1936	93,538	28.8	26,982	1,197,170	32.2	385,997	38,777	1.93	748,218	3,135	10.1	316,685	79,322	1.86	47.1	1,477,882	400,097
1937	86,332	29.6	25,448	1,151,270	33.3	382,801	40,470	1.97	796,068	3,056	10.5	320,354	79,434	1.92	48.6	1,524,771	406,214
1938	82,562	26.6	22,001	1,229,860	26.3	322,893	42,657	1.72	733,221	2,997	10.3	309,811	83,513	1.66	42.0	1,387,926	353,452
1939	76,363	25.0	19,113	1,237,940	23.9	295,456	43,801	1.68	734,703	2,890	10.3	296,250	84,556	1.59	40.3	1,345,522	344,302
1940	70,779	26.6	18,857	1,250,280	28.0	350,577	47,170	1.82	856,987	2,841	10.3	293,925	87,757	1.73	43.6	1,520,346	358,548
1941	68,018	30.4	20,665	1,289,860	34.2	441,403	52,121	2.18	1,137,956	2,766	10.8	298,546	93,537	2.03	51.1	1,898,590	404,095
1942	61,056	35.2	21,515	1,183,860	39.6	468,851	59,185	2.57	1,523,653	2,728	11.8	322,015	97,607	2.39	60.2	2,336,034	460,007
1943	53,326	43.7	23,319	1,139,910	49.9	568,313	60,116	3.12	1,874,825	2,669	12.8	340,406	97,124	2.89	72.6	2,806,863	538,512
1944	51,315	43.8	22,463	999,110	50.3	502,767	64,338	3.21	2,064,364	2,639	13.2	348,240	97,466	3.01	75.6	2,937,834	556,274
1945	53,216	45.3	24,091	919,630	50.3	462,314	69,896	3.19	2,227,690	2,614	13.4	349,285	100,818	3.04	76.4	3,063,380	563,566
1946	54,496	58.3	31,752	806,780	64.3	518,605	70,591	3.96	2,792,827	2,579	15.2	392,482	98,600	3.79	95.2	3,735,666	713,900
1947	48,518	63.3	30,727	790,510	71.8	567,622	71,127	4.26	3,027,005	2,408	17.5	421,001	98,240	4.12	103.5	4,046,355	787,281
1948	44,778	66.8	29,929	741,210	79.7	591,047	69,607	4.87	3,389,534	2,283	18.8	430,094	95,068	4.67	117.3	4,440,604	862,437
1949 ^{4/}	41,518	58.1	24,108	756,610	61.5	465,622	73,384	3.94	2,890,430	2,143	18.6	397,584	98,891	3.82	96.5	3,777,744	727,953
1950 ^{5/}	38,028	56.9	21,646	778,900	61.6	479,536	74,257	3.88	2,881,769	2,056	18.5	380,508	100,115	3.76	94.9	3,763,459	715,987

^{1/} Computed from the value of milk, cream and farm butter sold divided by the quantity of milk or butterfat used in the preparation of these products for market.

^{2/} Milk and milk equivalent of cream and farm butter consumed, valued at the average returns for milk utilized in dairy products sold.

^{3/} Value of combined sales, plus value of products consumed in the farm household.

^{4/} Revised.

^{5/} Preliminary.

Table 6 - Farm Dairy Products: Quantities sold, price and value: Value of products consumed in the farm household; and gross farm incomes from dairy products, by States, 1942 1/

State and Division	Farm butter sold				Cream sold to plants and dealers (as butterfat)				Milk sold to plants and dealers at wholesale				Milk and cream retailed by farmers				Combined sales of butter, cream and milk				Value of products consumed in household from farm where produced $\frac{1}{4}$	Gross farm income from dairy products	
	1000 lb.	Quantity sold	Price per lb.	Value of sales	Quantity sold	Price per lb. of butterfat	Value of sales	Quantity sold	Price per 100 lb.	Value of sales	Quantity sold, milk equiv.	Price per quart	Value of sales	Milk utilized	Average returns $\frac{1}{2}$ per 100 lb. milk	Per lb. butterfat	Value of sales from farm market-logs	Dol.	Qt.	1000 dol.			1000 dol.
Maine	2,100	67	1,407	94,719	680	71	483	48,768	7,124	3,458	519	20.1	10,437	508	5.53	138	28,086	19,342	13,837	224,149	1,162,716	34,189	34,189
N. H.	1,400	66	1,159	76,116	200	70	140	14,000	7,000	14,000	20	20.1	4,020	297	5.74	147	17,058	19,342	13,837	224,149	1,162,716	19,008	19,008
Vt.	380	66	281	18,666	260	71	186	18,600	2,640	1,404	57	21.2	12,084	1,452	4.72	115	69,540	3,210	71,760	1,952	3,210	71,760	71,760
Mass.	1,400	69	97	6,693	80	73	58	5,800	7,280	5,800	57	20.7	11,653	687	6.88	188	45,085	3,608	48,693	3,608	48,693	48,693	48,693
R. I.	8	69	6	55	112	63	7,101	7,101	567	8,117	34,984	112	17.8	19,938	648	6.57	173	42,550	3,022	45,572	3,022	45,572	45,572
Conn.	1,700	65	1,170	76,110	2,480	55	1,353	33,480	5,778	5,255	186	20.3	37,758	8,127	4.32	118	350,775	17,712	368,487	17,712	368,487	368,487	368,487
N. Y.	2,850	68	1,568	10,464	4,580	57	2,611	12,400	4,710	4,575	215,247	186	20.3	37,758	5,282	4.87	126	257,184	19,870	277,054	19,870	277,054	277,054
N. J.	2,450	64	1,568	10,464	4,580	57	2,611	12,400	4,710	4,575	215,247	186	20.3	37,758	5,282	4.87	126	257,184	19,870	277,054	19,870	277,054	277,054
N. A.	7,268	65.5	4,758	33,480	8,300	58.5	4,850	16,724	4,558	785,958	519	20.0	103,713	18,209	4.53	128.8	879,289	59,432	937,721	59,432	937,721	937,721	937,721
Ohio	1,000	61	610	36,600	16,930	57	9,850	9,850	2,640	3,778	160,660	77	17.5	13,475	4,851	3.80	94	184,385	19,342	203,727	19,342	203,727	203,727
Ind.	1,400	62	248	24,800	18,100	59	10,679	10,679	2,640	3,778	160,660	77	17.5	13,475	4,851	3.80	94	184,385	19,342	203,727	19,342	203,727	203,727
Ill.	500	62	310	15,500	29,070	58	16,861	16,861	3,660	3,333	119,890	84	16.3	13,692	4,558	3.31	96	150,743	19,766	169,509	19,766	169,509	169,509
Mich.	750	64	480	24,000	34,070	65	22,170	22,170	4,060	3,773	181,438	104	17.4	14,002	5,010	3.55	91	178,040	16,294	194,334	16,294	194,334	194,334
Wis.	1,800	62	1,741	11,410	16,410	68	11,159	14,000	3,100	434,000	42	15.8	6,635	14,539	3.11	84	451,888	14,328	466,216	14,328	466,216	466,216	466,216
N. C.	2,800	62.2	1,741	11,410	16,410	68	11,159	14,000	3,100	434,000	42	15.8	6,635	14,539	3.11	84	451,888	14,328	466,216	14,328	466,216	466,216	466,216
N. C. E.	2,800	62.2	1,741	11,410	16,410	68	11,159	14,000	3,100	434,000	42	15.8	6,635	14,539	3.11	84	451,888	14,328	466,216	14,328	466,216	466,216	466,216
Min.	90	64	58	5,800	123,800	61.5	70,459	28,550	3,358	953,912	255	18.8	42,880	32,101	3.38	77.0	1,079,002	83,714	1,162,716	83,714	1,162,716	1,162,716	1,162,716
Iowa	220	64	141	9,068	148,490	65	96,518	4,060	2,928	120,988	40	15.8	6,320	7,664	2.74	78	210,312	13,837	224,149	13,837	224,149	224,149	224,149
Mo.	690	61	421	25,266	33,290	56	18,642	2,580	3,577	92,106	63	16.3	10,269	5,122	2.71	71	138,677	16,829	155,506	16,829	155,506	155,506	155,506
N. Dak.	140	63	88	5,500	46,900	63	29,547	85	3,668	3,128	81	14.6	2,310	1,403	2.50	67	35,073	6,575	41,648	6,575	41,648	41,648	41,648
S. Dak.	80	63	50	3,150	35,310	61	21,539	100	3,668	3,128	81	14.6	2,310	1,403	2.50	67	35,073	6,575	41,648	6,575	41,648	41,648	41,648
Neb.	200	63	126	8,580	46,430	58	26,923	330	3,700	12,210	37	16.8	6,215	1,687	2.70	71	45,481	10,557	56,038	10,557	56,038	56,038	56,038
Kans.	350	64	211	13,560	46,130	57	26,284	770	3,655	28,105	47	17.5	8,272	2,091	3.01	75	62,882	12,492	75,374	12,492	75,374	75,374	75,374
N. C. W.	1,750	62.6	1,095	10,950	480,350	63.0	302,415	8,995	3,332	285,317	260	16.7	43,426	22,612	2.84	74.3	642,253	89,547	731,800	89,547	731,800	731,800	731,800
Del.	40	59	24	1,176	17,140	54	9,256	146	4,799	6,993	7	19.2	1,344	161	5.19	131	8,361	830	9,191	830	9,191	9,191	9,191
Md.	310	57	177	10,086	530	57	302	1,020	4,799	50,898	45	19.1	8,595	1,138	5.27	133	59,972	4,590	64,562	4,590	64,562	64,562	64,562
Va.	2,700	52	1,404	8,760	8,760	50	4,380	1,237	4,811	49,206	38	16.2	6,166	1,399	4.55	107	63,678	28,028	91,706	28,028	91,706	91,706	91,706
W. Va.	1,150	56	644	7,590	4,550	56	2,548	2,423	4,333	10,695	44	18.7	8,228	475	4.56	108	22,115	17,755	39,870	17,755	39,870	39,870	39,870
N. C.	3,550	55	1,952	15,560	1,040	55	572	532	4,911	26,121	44	20.2	8,888	720	5.21	117	37,533	45,171	82,704	45,171	82,704	82,704	82,704
S. C.	1,480	58	858	8,580	1,222	55	678	122	5,900	30	20.1	6,030	234	6.39	144	14,317	24,546	38,863	24,546	38,863	38,863	38,863	
Ga.	4,000	53	2,120	21,200	1,210	56	678	382	5,711	21,812	44	20.1	8,844	582	5.75	129	33,454	28,502	61,956	28,502	61,956	61,956	61,956
Fla.	220	63	139	9,068	17,140	54	9,256	379	6,565	26,378	37	22.0	8,140	454	7.47	176	34,661	6,350	41,011	6,350	41,011	41,011	41,011
S. A.	13,450	54.4	7,318	10,464	16,550	52.8	8,735	3,651	5,118	199,301	299	19.7	58,757	5,163	5.31	124.4	274,111	165,672	440,783	165,672	440,783	440,783	440,783
Ky.	1,250	57	598	7,175	17,140	54	9,256	925	3,651	34,132	64	17.3	11,072	1,493	3.69	84	55,058	29,704	84,762	29,704	84,762	84,762	84,762
Tenn.	2,400	49	1,176	11,760	6,480	54	3,459	1,213	4,111	49,854	38	16.2	6,166	1,495	4.06	90	60,685	32,318	93,003	32,318	93,003	93,003	93,003
Ala.	3,450	49	1,690	16,900	1,040	58	603	333	5,115	17,150	32	18.2	5,824	492	5.14	114	25,287	44,204	69,491	44,204	69,491	69,491	69,491
Miss.	850	55	468	4,680	1,150	57	651	600	4,340	26,040	27	18.2	4,914	700	4.58	102	32,083	30,732	62,815	30,732	62,815	62,815	62,815
Ark.	1,100	58	639	6,390	8,610	56	4,822	380	4,013	15,314	35	18.5	5,810	686	3.88	86	26,584	23,659	50,213	23,659	50,213	50,213	50,213
La.	400	61	244	2,440	1,150	59	677	320	5,765	18,400	24	19.5	4,704	383	6.12	136	23,425	17,197	40,622	17,197	40,622	40,622	40,622
Okla.	580	63	365	3,650	28,080	55	15,444	650	4,713	36,845	65	17.6	11,440	1,481	3.65	86	54,094	22,820	76,914	22,820	76,914	76,914	76,914
Tex.	5,200	62	3,224	18,120	18,630	54	10,060	1,930	5,697	78,813	414	18.1	75,075	2,217	5.29	119	117,252	79,509	196,761	79,509	196,761	196,761	196,761
S. C.	15,030	55.9	8,403	10,464	81,270	54.7	44,422	9,911	5,697	266,548	434	18.1	75,075	8,948	4.41	99.3	394,448	279,813	674,261	279,813	674,261	674,261	674,261
Mont.	200	84	128	1,280	9,950	63	6,275	127	3,147	5,004	27	18.5	5,022	449	3.66	94	16,429	3,550	20,089	3,550	20,089	20,089	20,089
Idaho	80	67	54	5,400	5,150	63	3,148	823	3,147	26,089	20	17.3	3,460	1,001	3.27	84	32,781	3,859	36,640	3,859	36,640	36,640	36,640
Wyo.	50	67	34	2,250	3,610	63	2,274	99	4,333	4,287	10	18.4	1,840	218	3.87	102	8,435	1,780	10,215	1,780	10,215	10,215	10,215
Colo.	120	64	77	7,700	12,190	60	7,314	400	4,338	17,520	29	17.6	5,104	800	3.75								

Table 7 - Production and disposition of milk on farms, by States, 1950 1/

Production of milk and milk products					Disposition of milk produced											
State and Division	Number of milk cows on farms 2/	Production per milk cow 3/		Percent- age of butter- fat in milk	Total production on farms 3/		Butter churned on farms			Milk fed or consumed on farms where produced			Milk sold or utilized for preparation of dairy products sold from farms			Total utilized for products sold Mil.-lb.
		Milk	Butter- fat		Milk	Butter- fat	Milk	Butter used	Butter made	Fed to calves	As milk or cream	As milk butter	Total used on farms	For farm- churned butter sold	For delivery to retail sales of milk and cream by farmers 4/	
	Thous.	Pounds	Pounds	Percent	Mill.-lb.	Mill.-lb.	Mill.-lb.	Thous.-lb.	Mill.-lb.	Mill.-lb.	Mill.-lb.	Mill.-lb.	Mill.-lb.	Mill.-lb.	Mill.-lb.	Mill.-lb.
Maine	115	5,620	236	4.2	646	27	68	3,400	12	78	32	122	36	16	395	78
N. H.	61	5,600	218	3.9	342	13	8	420	6	27	4	37	4	6	255	41
Vt.	282	5,840	239	4.1	1,630	63	10	500	29	64	5	69	6	6	1,395	36
Mass.	120	6,400	250	3.9	768	30	6	320	14	51	4	69	2	1	680	116
R. I.	20	6,900	269	3.9	138	6	1	30	2	6	1	9	1	1	110	19
Conn.	107	6,500	247	3.8	696	26	5	250	13	34	4	61	1	1	576	68
N. Y.	1,366	6,690	244	3.71	9,002	334	66	3,000	261	392	35	688	31	62	7,980	241
N. J.	159	7,270	280	3.86	1,156	45	6	280	18	41	5	64	1	1	1,092	96
Pa.	964	6,160	237	3.85	5,938	229	108	5,000	137	371	52	580	56	132	4,910	380
N. A.	3,174	6,369	243.2	3.82	20,216	772	278	13,200	492	1,064	142	1,698	136	221	17,086	1,075
Ohio	1,013	5,480	222	4.05	5,551	225	80	4,000	161	452	60	673	20	428	4,270	160
Ind.	705	5,050	212	4.2	3,560	150	41	2,100	89	353	33	475	8	447	2,870	60
Ill.	925	5,600	216	3.85	5,190	199	56	2,600	130	499	60	679	6	795	3,540	160
Mich.	968	5,970	233	3.9	5,779	225	58	2,700	208	414	43	666	15	919	4,140	40
Wis.	2,306	6,770	250	3.7	15,612	578	11	500	678	466	8	1,051	3	488	14,700	70
N. C. E.	5,917	6,030	232.7	3.86	35,682	1,377	246	11,900	1,166	2,183	194	3,543	52	3,077	28,520	490
Minn.	1,371	6,020	217	3.6	8,253	297	21	900	231	493	19	743	2	6,645	3,780	83
Iowa	1,088	5,450	207	3.8	5,940	226	75	3,300	178	542	70	790	5	4,165	900	80
Mo.	939	4,710	200	4.25	4,423	188	162	8,100	115	543	150	808	12	823	2,640	140
N. Dak.	375	4,670	175	3.75	1,751	66	88	3,900	65	173	85	323	3	1,705	90	30
S. Dak.	333	4,210	168	3.75	1,402	53	45	2,000	50	150	43	253	2	1,004	105	38
Nebr.	449	4,870	185	3.8	2,187	83	106	4,700	81	276	102	469	4	1,347	300	77
Kans.	590	4,670	187	4.0	2,756	110	105	4,900	105	319	99	523	6	1,326	800	100
N. C. W.	5,145	5,192	198.8	3.83	26,711	1,023	602	27,800	825	2,506	668	3,999	34	13,616	8,615	548
Dal.	36	5,230	207	3.95	183	7	2	100	4	13	1	18	1	14	150	14
W. Va.	235	5,600	221	3.95	1,316	52	17	800	26	82	10	117	7	1,199	98	98
N. C.	463	4,580	195	4.25	2,121	90	290	14,500	70	414	238	722	52	200	1,050	97
W. Va.	216	4,080	176	4.3	881	38	140	7,200	30	289	119	418	21	107	245	90
N. C.	374	4,450	198	4.45	1,668	74	416	21,800	36	516	349	900	67	20	580	101
S. C.	168	3,990	178	4.46	630	28	183	9,600	10	241	156	407	27	8	124	64
Ga.	355	3,640	162	4.45	1,329	59	392	20,500	20	362	325	707	67	28	430	97
Fla.	136	4,200	178	4.25	571	24	27	1,400	6	64	23	93	4	1	395	78
S. A.	1,982	4,399	187.7	4.28	8,699	372	1,467	75,900	200	1,961	1,221	3,382	246	378	4,054	639
Ky.	583	4,040	178	4.4	2,355	104	254	13,000	42	537	234	813	20	372	1,020	130
Tenn.	598	3,910	176	4.5	2,338	105	357	19,300	40	469	318	827	39	140	1,250	82
Ala.	388	3,630	163	4.5	1,408	63	514	27,500	21	420	453	894	61	23	360	70
Miss.	465	3,000	135	4.5	1,395	63	315	16,500	17	353	303	673	12	30	625	55
Ark.	402	3,280	148	4.5	1,319	59	283	13,500	17	353	245	615	18	196	420	70
La.	266	2,650	115	4.5	678	31	96	5,000	9	184	89	282	7	2	340	47
Okla.	588	3,650	156	4.26	2,152	91	166	8,300	56	434	156	646	10	731	630	135
Tex.	1,171	3,390	161	4.45	3,970	177	546	28,000	60	1,042	448	1,550	98	482	1,550	280
S. C.	4,461	3,500	155.3	4.44	15,615	693	2,611	130,100	262	3,792	2,246	6,300	265	1,976	6,205	869
Mont.	114	4,960	193	3.9	565	22	34	1,600	21	69	30	120	4	261	126	65
Idaho	194	6,210	242	3.9	1,206	47	20	950	45	108	19	172	1	136	850	46
Wyo.	50	5,350	203	3.8	268	10	13	580	9	32	12	53	1	94	100	30
Colo.	186	5,300	201	3.8	980	37	32	1,400	39	112	29	180	3	357	380	60
N. Mex.	56	4,100	172	4.2	226	9	13	650	6	44	12	62	1	48	180	35
Ariz.	46	5,800	220	3.8	267	10	7	330	7	20	6	33	1	10	190	33
Utah	105	6,470	243	3.76	679	26	10	450	22	71	9	102	1	31	515	30
Nev.	17	6,050	224	3.7	103	4	3	150	4	7	2	13	1	22	51	16
Wash.	302	6,640	282	4.26	2,005	85	64	3,100	74	156	68	288	6	210	1,390	121
Oreg.	219	5,980	269	4.5	1,310	59	34	1,800	47	146	32	225	2	180	846	68
Calif.	813	7,410	289	3.9	6,024	235	31	1,450	163	179	28	370	3	70	5,261	320
West.	2,100	6,491	268.6	3.98	13,632	543	261	12,450	437	944	237	1,618	24	1,419	9,777	794
U. S.	22,779	5,292	209.8	3.96	120,655	4,780	5,366	271,350	3,382	12,450	4,608	20,440	757	20,666	74,257	4,415
																100,115

1/ Preliminary. 2/ Average number on farms during year, heifers that have not freshened excluded. 3/ Excludes milk sucked by calves and milk produced by cows not on farms.

4/ Approximations based chiefly on population in small towns and rural areas where most families purchase their milk from local farmers.

Table 8 - Farm dairy products: Quantities sold, price and value: value of products consumed in the farm household; and gross farm income from dairy products, by States, 1950 1/

State and Division	Farm butter sold				Cream sold to plants and dealers (as butterfat)				Milk sold to plants and dealers at wholesale				Milk and cream retailed by farmers				Combined sales of butter, cream and milk				Value of milk products consumed in household on farms where produced 3/	Gross farm income from dairy products 4/
	Quantity sold	Price per lb.	Value of sales	1000 lb.	Quantity sold	Price per lb. of butterfat	Value of sales	1000 dol.	Quantity sold	Price per 100 lb.	Value of sales	1000 dol.	Quantity sold, equiv. milk	Price per quart	Value of sales	Milk utilized	Average returns 2/		Value of sales (Receipts from farm market-ings)			
																	Per 100 lb. of milk	Per lb. of butterfat				
Maine	1,800	85	1,170	1,170	830	69	435	395	4.96	19,592	7,308	36	20.3	7,308	524	5.44	130	524	5.44	130	28,805	34,489
N. H.	200	66	132	132	200	70	140	255	4.45	12,648	3,819	19	20.1	3,819	1,305	5.49	141	1,305	5.49	141	18,739	18,441
Vt.	270	66	178	178	280	70	182	1,385	4.45	61,832	3,213	17	18.9	3,213	1,432	4.55	111	1,432	4.55	111	86,205	69,345
Mass.	100	68	68	68	40	72	29	110	5.91	6,501	1,854	32	20.6	1,854	129	6.48	166	129	6.48	166	43,635	47,057
R. I.	8	69	3	3	73	73	53	578	5.48	31,450	6,528	9	20.6	6,528	645	5.89	155	645	5.89	155	8,351	8,351
Conn.	60	69	34	34	2,310	58	1,294	7,980	4.06	323,988	112	17.7	19,824	8,314	4.16	112	346,002	17,763	4.16	112	346,002	40,280
N. Y.	1,400	84	896	896	2,310	58	1,294	7,980	4.06	323,988	112	17.7	19,824	8,314	4.16	112	346,002	17,763	4.16	112	346,002	40,280
N. J.	80	67	40	40	995	58	57,975	45	5.00	49,760	5,975	45	21.5	5,975	1,092	5.45	142	1,092	5.45	142	59,465	353,785
Pa.	2,500	63	1,575	1,575	5,040	57	2,873	4,810	4.33	208,273	35,223	177	19.9	35,223	5,378	4.61	120	5,378	4.61	120	248,007	61,972
N. A.	6,488	64.1	4,162	4,162	9,480	58.4	4,953	17,086	4.37	748,140	501	19.7	95,378	18,518	4.61	120.7	893,931	4.61	120.7	893,931	19,500	252,807
Ohio	1,000	62	620	620	17,420	57	9,929	4,270	3.80	182,260	74	17.4	12,876	4,878	3.81	94	185,685	3.81	94	185,685	18,507	205,192
Ind.	400	62	248	248	18,880	58	10,834	2,570	3.75	96,632	28	17.4	4,872	3,085	3.68	87	112,586	3.68	87	112,586	14,089	125,675
Ill.	300	81	183	183	30,130	58	17,475	3,540	3.41	120,714	74	16.6	12,284	4,601	3.35	87	126,556	3.35	87	126,556	18,392	169,048
Mich.	700	81	427	427	35,380	85	22,997	4,140	3.64	150,698	19	18.7	3,173	5,114	3.47	89	177,293	3.47	89	177,293	15,858	183,151
Wis.	150	62	93	93	17,860	67	12,033	14,000	3.16	442,400	33	15.8	5,148	14,551	3.16	85	145,674	3.16	85	145,674	14,947	474,621
N. O. S.	2,550	61.6	1,571	1,571	119,570	81.3	73,268	28,520	3.41	972,702	228	16.8	38,353	32,139	3.38	87.6	1,085,894	3.38	87.6	1,085,894	82,793	1,169,687
Minn.	70	86	48	48	128,300	57	85,961	3,780	3.04	114,912	39	15.8	6,152	7,510	2.76	77	207,081	2.76	77	207,081	14,131	221,212
Iowa	400	64	256	256	182,440	56	100,610	900	3.62	31,680	37	16.9	6,283	5,150	2.69	71	139,871	2.69	71	139,871	16,463	155,134
Mo.	600	61	366	366	33,990	56	19,034	2,640	3.65	96,350	65	16.0	10,400	3,615	3.49	82	126,160	3.49	82	126,160	24,186	150,346
N. Dak.	130	63	82	82	47,830	62	29,531	90	3.68	3,284	14	16.8	2,324	1,428	2.47	66	35,231	2.47	66	35,231	41,604	61,904
S. Dak.	80	63	50	50	36,550	61	22,296	105	3.85	4,042	18	17.3	3,114	1,149	2.87	69	29,502	2.87	69	29,502	56,491	86,514
Febr.	180	63	101	101	49,170	59	29,010	300	3.71	11,130	35	17.0	6,000	2,232	2.69	74	66,170	2.69	74	66,170	10,130	56,491
Kans.	300	84	192	192	60,390	58	29,226	800	3.58	28,480	47	17.5	8,272	2,232	2.96	74	66,170	2.96	74	66,170	12,373	78,543
N. O. W.	1,540	62.7	955	955	498,470	53.3	315,668	8,615	3.87	289,898	288	16.7	42,845	22,812	2.85	74.4	645,176	2.85	74.4	645,176	88,873	738,049
Del.	35	57	20	20	530	52	278	150	4.59	6,870	7	19.5	1,365	1,65	5.00	127	8,255	5.00	127	8,255	700	8,955
Md.	310	55	170	170	8,000	51	4,080	1,050	4.78	51,300	45	18.2	8,970	1,199	5.06	128	60,718	5.06	128	60,718	4,855	65,371
Va.	2,600	50	1,300	1,300	4,390	54	594	4,390	5.44	49,880	46	18.5	8,190	1,398	4.54	107	63,550	4.54	107	63,550	29,601	83,151
N. C.	1,100	54	594	594	830	52	432	580	5.03	29,174	42	18.3	7,686	4,63	4.66	108	21,572	4.66	108	21,572	18,081	35,553
S. C.	1,400	57	798	798	330	54	178	124	5.67	7,031	30	20.0	6,000	2,232	2.69	74	66,581	2.69	74	66,581	46,018	86,514
Ga.	3,500	53	1,855	1,855	1,170	56	655	430	5.72	24,896	45	20.3	9,135	822	5.83	131	38,241	5.83	131	38,241	40,062	76,293
Fla.	220	60	132	132	40	58	23	35	5.67	26,952	38	21.8	7,848	5,317	5.25	122.7	279,192	5.25	122.7	279,192	8,177	40,132
S. A.	12,866	53.4	6,769	6,769	15,290	52.7	8,058	4,054	5.08	205,781	298	19.7	58,594	5,317	5.25	122.7	279,192	5.25	122.7	279,192	170,216	449,408
Ky.	1,000	57	570	570	15,510	52	8,056	1,020	3.66	37,332	60	17.4	10,440	1,542	3.66	83	55,407	3.66	83	55,407	28,219	84,526
Tenn.	2,000	48	960	960	5,850	52	3,042	1,250	4.06	50,750	39	16.4	6,232	1,511	4.04	90	60,984	4.04	90	60,984	51,795	92,779
Ala.	3,250	48	1,560	1,560	980	57	547	625	5.02	18,072	33	18.0	5,940	1,511	4.04	90	60,984	4.04	90	60,984	51,795	92,779
Miss.	650	54	351	351	1,290	53	684	625	4.34	27,125	28	18.1	4,706	722	4.55	101	32,856	4.55	101	32,856	44,548	70,487
Ark.	900	57	513	513	8,040	55	4,422	420	4.12	17,504	33	16.8	5,478	704	3.94	88	27,717	3.94	88	27,717	23,561	62,714
La.	380	58	220	220	30,190	54	16,303	340	5.89	19,006	22	20.2	4,444	3,98	5.99	133	23,718	5.99	133	23,718	16,353	50,069
Okla.	500	63	315	315	20,000	53	10,600	1,590	5.24	81,744	130	17.9	11,277	1,608	3.56	84	53,899	3.56	84	53,899	31,004	74,603
Tex.	5,000	60	3,000	3,000	81,820	53.4	43,709	6,205	4.46	277,097	405	18.2	73,737	9,315	4.32	97.3	401,972	4.32	97.3	401,972	289,330	194,786
S. O.	13,680	54.7	7,489	7,489	10,000	61	6,100	125	3.84	4,800	26	19.0	4,940	445	3.59	92	15,968	3.59	92	15,968	3,584	19,522
Mont.	200	64	128	128	5,240	61	3,198	860	3.23	27,455	21	17.4	3,654	1,033	3.53	85	34,543	3.53	85	34,543	4,216	38,559
Idaho	60	64	38	38	3,500	61	2,205	100	4.09	4,090	9	18.2	1,588	215	3.70	97	7,959	3.70	97	7,959	1,628	8,587
Wyo.	40	64	26	26	12,990	61	7,924	380	4.22	16,038	28	18.2	5,098	800	3.64	96	25,132	3.64	96	25,132	5,132	34,264
Calif.	120	63	78	78	1,930	58	1,081	80	5.73	4,584	16	19.5	3,120	154	5.38	128	8,822	5.38	128	8,822	3,013	11,835
N. Mex.	60	62	37	37	380	58	239	190	4.45	8,455	15	18.5	2,775	234	4.51	129	11,488	4.51	129	11,488	1,277	12,765
Ariz.	30	63	19	19	1,160	61	708	515	3.84	18,746	14	16.0	2,240	577	3.76	100	21,730	3.76	100	21,730	3,008	24,728
Utah	40	64	26	26	810	62	502	7	4.22	2,152	7	17.5	1,225	90	4.33	117	3,895	4.33	117	3,895	390	4,285
Nebr.	25	65	16	16	8,670	61	5,289	1,380	4.12	56,858	55	18.5	10,415	1,717	4.24	100	72,737	4.24	100	72,737	9,074	81,811
Wash.	280	63	176	176	7,790	61	4,908	845	4.58	38,701	27	19.4	5,238	1,085	4.61	100	48,811	4.61	100	48,811	8,028	56,839
Oreg.	100</																					

1/ Preliminary. 2/ Computed from the value of milk, cream and farm butter sold divided by the quantity of milk or butterfat used in the preparation of these products for market.

3/ Milk and milk equivalent of cream and farm butter consumed, valued at the average returns for milk utilized in dairy products sold.

4/ Value of combined sales, plus value of products consumed in the farm household.

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